

TJ 2808 S drills horizontal and vertical  
TERRA-JET TJ 2808 S

Swiss made



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## Horizontal HDPE pipes for 17 kV cables laying project in Romania

The Romanian company Repcons is a contractor, which is specialized in pipe laying of electrical ground cables and in the assembly of street lightings.

### Job site procedure

One of Repcon's projects required horizontal HDPE pipes for 17 kV cables and vertical bores for lighting posts. Repcon's Director Stefan Manitiu had chosen his TERRA-JET TJ 2808 S with vertical option for this project.



Pictures 1+2: First a road crossing with several existing pipes and cables had to be done. Due to the small bending radius of the TERRA drill rods, this jobsite could be realized successfully.

## Fluid assistant HDD machine TJ 2808 S

Successful pilot bore



Pictures 3+4: After the successful pilot bore a reamer OD 160 mm (6") was assembled, to pull in a HDPE pipe OD 110 mm (4.3"). After only 30 minutes the pipe had been pulled in over a length of 35 m (115 ft).



Picture 5: Then the TERRA-JET TJ 2808 S was modified for vertical drilling. This modification can be done on the jobsite within 30 minutes.

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25 m (80 ft) drilled vertically



Picture 6: The TERRA-JET TJ 2808 S during vertical drilling.



Picture 7: After 1 ½ hours 25 m (80 ft) at been drilled vertically. For the stabilisation of the bore hole  $\varnothing$  100 mm (4"), 100 ltr/min (26 gpm) of Bentonite were pumped into the vertical bore hole.

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TERRA AG  
für Tiefbautechnik  
Hauptstrasse 92  
6260 Reiden  
Switzerland

Phone + 41 62 749 10 10  
Fax + 41 62 749 10 11  
office@terra-eu.eu

Your dealer:

www.terra-eu.eu  
www.boeshop.com